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TWIN FALLS RANGER DISTRICT
1979

Rating Lodgepole Pine Stands
for
Mountain Pine Beetle Hazard

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FOR
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Twin Falls Ranger District
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INTRODUCTION

Mountain pine beetle is the major cause of mortality to large diameter lodgepole pine. Relating to timber production the method of reducing mountain pine beetle losses in unmanaged old growth stands is to place those stands under management. This is the land managers basic problem and will continue to be until the land base for commercial timber production is determined and the first logging entry accomplished. Management would possibly mean those alternatives shown in (1) "Guidelines for reducing losses of lodgepole pine to the mountain pine beetle in unmanaged stands in the Rock Mountains," Amman, et al., and (2) "Management of lodgepole pine to reduce losses from the mountain pine beetle," Safranyik, et al.

RISK RATING METHODS

Within lodgepole pine stands the five factors of elevation, latitude, tree age, diameter and phloem thickness are considered for indicating risk to mountain pine beetle infestation. On the Cassia Division lodgepole pine stands occur essentially at the same latitude, are within a 1,000 foot elevational range, are relatively old age, and contain relatively thick phloem. Therefore, as other factors are similar, risk has been assigned on the basis of diameter (dbh) alone. This is the most meaningful parameter relating to risk and one that is attained during normal timber cruising so these data are available without additional measurements for risk rating lodgepole pine stands in sequence for priority logging-utilization management.

Average diameter, considering trees 5" dbh and larger, of lodgepole pine in all sawtimber stands within all compartments on the Cassia Division were computed from compartment inventory data and each stand was risk rated for mountain pine beetle damage potential in the attached table pages 1 through 13.

Compartment #049 is used as an example to illustrate a priority logging sequence by stands within the compartment, Figure 1. Stands numbered 27 and 81 are very high risk (red) and would be cut first or along with high risk stands 4, 6, 11, 18, 23, 24, 28, 30, 33, 37, 40, 45, 46, 60, 65, 66 and 68 (yellow). Moderate (blue) and low-risk stands (green) could be stored on the stump for future management.

LODGEPOLE PINE DWARF MISTLETOE

Dwarf mistletoe infection levels should be used along with beetle risk levels to choose logging priorities. These ratings can in most cases be determined from compartment exam cruise data.

Table 1. Lodgepole Pine Risk Ratings of Cassia Division Stands by DBH.

<u>Key (Risk Level)</u>		
<u>dbh</u>		<u>risk rating</u>
5.0 - 6.9"	0	<u>LOW</u>
7.0 - 8.9"	1	<u>MODERATE</u>
9.0 - 12.9"	2 & 3	<u>HIGH</u>
13.0 - 14.9"	4	<u>VERY HIGH</u>
> 15.0"	5	<u>EXTREME</u>

COMPARTMENT #001

<u>Stand</u>	<u>Risk Rating</u>
43	5 (Extreme)
05	4 (Very High)
47	4 (Very High)
50	4 (Very High)
03	3 (High)
27	3 (High)
54	3 (High)
07	2 (High)
14	2 (High)
18	2 (High)
26	2 (High)
53	2 (High)
04	1 (Moderate)
72	1 (Moderate)
02	0 (Low)
10	0 (Low)

COMPARTMENT #002

<u>Stand</u>	<u>Risk Rating</u>
26	4 (Very High)
11	3 (High)
14	3 (High)
15	3 (High)
25	3 (High)
27	3 (High)
38	3 (High)
44	3 (High)
05	2 (High)
16	2 (High)
18	2 (High)
23	2 (High)
24	2 (High)
28	2 (High)
29	2 (High)
45	2 (High)
49	2 (High)
51	2 (High)
61	2 (High)
62	2 (High)
63	2 (High)
10	1 (Moderate)
17	1 (Moderate)
19	1 (Moderate)
20	1 (Moderate)
22	1 (Moderate)
30	1 (Moderate)
33	1 (Moderate)
34	1 (Moderate)

cont'd...

(COMPARTMENT #002)

<u>Stand</u>	<u>Risk Rating</u>
35	1 (Moderate)
39	1 (Moderate)
47	1 (Moderate)
50	1 (Moderate)
55	1 (Moderate)
57	1 (Moderate)
65	1 (Moderate)
12	0 (Low)
36	0 (Low)
52	0 (Low)
67	0 (Low)

COMPARTMENT #003

<u>Stand</u>	<u>Risk Rating</u>
13	5 (Extreme)
04	4 (Very High)
12	4 (Very High)
41	4 (Very High)
05	3 (High)
36	3 (High)
40	3 (High)
44	3 (High)
55	3 (High)
09	2 (High)
24	2 (High)
33	2 (High)
34	2 (High)
47	2 (High)
36	3 (High)
40	3 (High)
44	3 (High)
55	3 (High)
09	2 (High)
24	2 (High)
33	2 (High)
34	2 (High)
47	2 (High)
48	2 (High)
03	1 (Moderate)
35	1 (Moderate)
43	1 (Moderate)
46	1 (Moderate)
51	1 (Moderate)
53	1 (Moderate)
60	1 (Moderate)
03	0 (Low)
52	1 (Moderate)
53	1 (Moderate)
60	1 (Moderate)
11	0 (Low)
17	0 (Low)
64	0 (Low)

COMPARTMENT #004

<u>Stand</u>	<u>Risk Rating</u>
25	4 (Very High)
04	3 (High)
43	3 (High)
44	3 (High)
49	3 (High)
51	3 (High)
63	3 (High)
05	2 (High)
10	2 (High)
18	2 (High)
26	2 (High)
27	2 (High)
39	2 (High)
42	2 (High)
46	2 (High)
50	2 (High)
56	2 (High)
65	2 (High)
01	1 (Moderate)
08	1 (Moderate)
09	1 (Moderate)
15	1 (Moderate)
16	1 (Moderate)
29	1 (Moderate)
33	1 (Moderate)
38	1 (Moderate)
45	1 (Moderate)
47	1 (Moderate)
48	1 (Moderate)
52	1 (Moderate)
53	1 (Moderate)
60	1 (Moderate)
03	0 (Low)
11	0 (Low)
17	0 (Low)
64	0 (Low)

COMPARTMENT #005

<u>Stand</u>	<u>Risk Rating</u>
02	4 (Very High)
08	4 (Very High)
64	4 (Very High)
05	3 (High)
15	3 (High)
16	3 (High)
17	3 (High)
18	3 (High)
19	3 (High)
21	3 (High)
07	2 (High)
10	2 (High)
12	2 (High)
13	2 (High)
14	2 (High)
29	2 (High)
33	2 (High)
45	2 (High)
46	2 (High)
56	2 (High)
58	2 (High)
77	2 (High)
79	2 (High)
03	1 (Moderate)
04	1 (Moderate)
06	1 (Moderate)
09	1 (Moderate)
11	1 (Moderate)
20	1 (Moderate)
23	1 (Moderate)
24	1 (Moderate)
25	1 (Moderate)
35	1 (Moderate)
36	1 (Moderate)
38	1 (Moderate)
39	1 (Moderate)
43	1 (Moderate)
49	1 (Moderate)
78	1 (Moderate)
01	0 (Low)
31	0 (Low)
34	0 (Low)
40	0 (Low)
41	0 (Low)
42	0 (Low)
48	0 (Low)
53	0 (Low)
54	0 (Low)
55	0 (Low)
60	0 (Low)

COMPARTMENT #006

<u>Stand</u>	<u>Risk Rating</u>
18	3 (High)
30	3 (High)
11	2 (High)
14	2 (High)
26	2 (High)
31	2 (High)
38	2 (High)
01	1 (Moderate)
03	1 (Moderate)
08	1 (Moderate)
12	1 (Moderate)
15	1 (Moderate)
16	1 (Moderate)
19	1 (Moderate)
20	1 (Moderate)
21	1 (Moderate)
22	1 (Moderate)
25	1 (Moderate)
32	1 (Moderate)
33	1 (Moderate)
40	1 (Moderate)
04	0 (Low)
05	0 (Low)
06	0 (Low)
07	0 (Low)
09	0 (Low)
23	0 (Low)
24	0 (Low)
28	0 (Low)
29	0 (Low)
35	0 (Low)
37	0 (Low)

(COMPARTMENT #007)

<u>Stand</u>	<u>Risk Rating</u>
55	3 (High)
56	3 (High)
85	3 (High)
01	2 (High)
07	2 (High)
22	2 (High)
23	2 (High)
26	2 (High)
33	2 (High)
49	2 (High)
57	2 (High)
69	2 (High)
70	2 (High)
78	2 (High)
81	2 (High)
84	2 (High)
40	1 (Moderate)
41	1 (Moderate)
44	1 (Moderate)
51	1 (Moderate)
52	1 (Moderate)
59	1 (Moderate)
72	1 (Moderate)
73	1 (Moderate)
95	0 (Low)

COMPARTMENT # 008

<u>Stand</u>	<u>Risk Rating</u>
02	5 (Extreme)
16	5 (Extreme)
34	5 (Extreme)
03	4 (Very High)
17	3 (High)
43	3 (High)
48	3 (High)
68	3 (High)
70	3 (High)
71	3 (High)
18	2 (High)
27	2 (High)
28	2 (High)
47	2 (High)
01	1 (Moderate)
31	1 (Moderate)
33	1 (Moderate)
22	0 (Low)

COMPARTMENT #007

<u>Stand</u>	<u>Risk Rating</u>
13	5 (Extreme)
29	5 (Extreme)
63	5 (Extreme)
02	4 (Very High)
08	4 (Very High)
10	4 (Very High)
53	4 (Very High)
04	3 (High)
16	3 (High)
17	3 (High)
18	3 (High)
19	3 (High)
32	3 (High)
35	3 (High)

cont'd....

COMPARTMENT #009

Stand	Risk Rating
15	3 (High)
23	3 (High)
43	3 (High)
46	3 (High)
59	3 (High)
66	3 (High)
06	2 (High)
08	2 (High)
11	2 (High)
26	2 (High)
33	2 (High)
37	2 (High)
68	2 (High)
98	2 (High)
04	1 (Moderate)
07	1 (Moderate)
09	1 (Moderate)
10	1 (Moderate)
12	1 (Moderate)
13	1 (Moderate)
21	1 (Moderate)
22	1 (Moderate)
24	1 (Moderate)
27	1 (Moderate)
38	1 (Moderate)
41	1 (Moderate)
44	1 (Moderate)
48	1 (Moderate)
60	1 (Moderate)
63	1 (Moderate)
65	1 (Moderate)
94	1 (Moderate)
96	1 (Moderate)
05	0 (Low)
18	0 (Low)
19	0 (Low)
25	0 (Low)
83	0 (Low)

COMPARTMENT #010

Stand	Risk Rating
47	5 (Extreme)
49	4 (Very High)
50	4 (Very High)
27	2 (High)
42	2 (High)
43	2 (High)
88	2 (High)
29	1 (Moderate)
30	1 (Moderate)
34	1 (Moderate)
46	1 (Moderate)
82	1 (Moderate)
86	1 (Moderate)

COMPARTMENT #011

Stand	Risk Rating
64	5 (Extreme)
60	4 (Very High)
75	2 (High)
01	1 (Moderate)
65	1 (Moderate)
66	1 (Moderate)
71	1 (Moderate)
72	0 (Low)

COMPARTMENT #012

NO LPP EXAMINED AT
THIS TIME.

COMPARTMENT #013

Stand	Risk Rating
42	5 (Extreme)
31	4 (Very High)
25	2 (High)
38	2 (High)
43	2 (High)
45	2 (High)
55	2 (High)
58	2 (High)
14	1 (Moderate)
19	1 (Moderate)
22	1 (Moderate)
24	1 (Moderate)
26	1 (Moderate)

cont'd....

(COMPARTMENT #013)

Stand	Risk Rating
27	1 (Moderate)
29	1 (Moderate)
32	1 (Moderate)
36	1 (Moderate)
44	1 (Moderate)
60	1 (Moderate)
33	0 (Low)
34	0 (Low)
35	0 (Low)
61	0 (Low)

COMPARTMENT #014

Stand	Risk Rating
23	4 (Very High)
28	4 (Very High)
43	4 (Very High)
49	4 (Very High)
54	4 (Very High)
19	3 (High)
32	3 (High)
62	3 (High)
12	2 (High)
24	2 (High)
34	2 (High)
36	2 (High)
37	2 (High)
42	2 (High)
47	2 (High)
52	2 (High)
05	1 (Moderate)
15	1 (Moderate)
27	1 (Moderate)
33	1 (Moderate)
48	1 (Moderate)
50	1 (Moderate)
51	1 (Moderate)
56	1 (Moderate)
57	1 (Moderate)
58	1 (Moderate)
59	0 (Low)

COMPARTMENT #015

Stand	Risk Rating
11	5 (Extreme)
12	5 (Extreme)
26	4 (Very High)
90	4 (Very High)
77	3 (High)
81	3 (High)
85	3 (High)
20	2 (High)
24	2 (High)
25	2 (High)
46	2 (High)
47	2 (High)
51	2 (High)
55	2 (High)
61	2 (High)
78	2 (High)
80	2 (High)
84	2 (High)
27	1 (Moderate)
28	1 (Moderate)
50	1 (Moderate)
52	1 (Moderate)

COMPARTMENT #016

Stand	Risk Rating
04	5 (Extreme)
01	4 (Very High)
02	3 (High)
36	3 (High)
63	3 (High)
64	3 (High)
06	2 (High)
09	2 (High)
11	2 (High)
12	2 (High)
16	2 (High)
18	2 (High)
21	2 (High)
24	2 (High)
26	2 (High)
30	2 (High)
46	2 (High)
47	2 (High)
48	2 (High)
51	2 (High)

cont'd....

COMPARTMENT #016

Stand	Risk Rating
60	2 (High)
13	1 (Moderate)
20	1 (Moderate)
34	1 (Moderate)
35	1 (Moderate)
37	1 (Moderate)
38	1 (Moderate)
40	1 (Moderate)
41	1 (Moderate)
42	1 (Moderate)
44	1 (Moderate)
52	1 (Moderate)
56	1 (Moderate)
27	0 (Low)
32	0 (Low)
33	0 (Low)
43	0 (Low)

COMPARTMENT #017

Stand	Risk Rating
30	5 (Extreme)
37	4 (Very High)
08	3 (High)
16	3 (High)
74	3 (High)

06 2 (High)

07 2 (High)

12 2 (High)

14 2 (High)

15 2 (High)

20 2 (High)

31 2 (High)

32 2 (High)

36 2 (High)

39 2 (High)

55 2 (High)

60 2 (High)

62 2 (High)

66 2 (High)

68 2 (High)

71 2 (High)

82 2 (High)

03 1 (Moderate)

04 1 (Moderate)

05 1 (Moderate)

09 1 (Moderate) cont'd....

COMPARTMENT #017

Stand	Risk Rating
13	1 (Moderate)
21	1 (Moderate)
29	1 (Moderate)
33	1 (Moderate)
40	1 (Moderate)
43	1 (Moderate)
46	1 (Moderate)
47	1 (Moderate)
50	1 (Moderate)
51	1 (Moderate)
54	1 (Moderate)
56	1 (Moderate)
57	1 (Moderate)
59	1 (Moderate)
63	1 (Moderate)
69	1 (Moderate)
78	1 (Moderate)
01	0 (Low)
02	0 (Low)
41	0 (Low)
42	0 (Low)
44	0 (Low)
53	0 (Low)
67	0 (Low)
76	0 (Low)

COMPARTMENT #018

Stand	Risk Rating
58	5 (Extreme)
12	2 (High)
15	2 (High)
17	2 (High)
28	2 (High)
39	2 (High)
66	2 (High)
05	1 (Moderate)
08	1 (Moderate)
16	1 (Moderate)
23	1 (Moderate)
24	1 (Moderate)
27	1 (Moderate)
31	1 (Moderate)
34	1 (Moderate)
59	1 (Moderate)
61	1 (Moderate)
71	1 (Moderate)

cont'd...

(COMPARTMENT #018)

Stand	Risk Rating
18	0 (Low)
19	0 (Low)
29	0 (Low)
36	0 (Low)
70	0 (Low)
72	0 (Low)

COMPARTMENT #021

Stand	Risk Rating
25	4 (Very High)
<u>COMPARTMENT #022</u>	
NO TIMBER STANDS AT THIS TIME.	

(COMPARTMENT #025)

Stand	Risk Rating
49	2 (High)
57	2 (High)
61	2 (High)
62	2 (High)
06	1 (Moderate)
24	1 (Moderate)
40	1 (Moderate)
52	1 (Moderate)
59	1 (Moderate)
73	1 (Moderate)
77	1 (Moderate)
26	0 (Low)

COMPARTMENT # 019

Stand	Risk Rating
38	4 (Very High)
39	4 (Very High)
32	3 (High)
46	3 (High)
11	2 (High)
23	2 (High)
29	2 (High)
34	2 (High)
37	2 (High)
41	2 (High)
43	2 (High)
44	2 (High)
55	2 (High)
58	2 (High)
61	2 (High)
05	1 (Moderate)
31	1 (Moderate)
35	1 (Moderate)
36	1 (Moderate)
40	1 (Moderate)
50	1 (Moderate)
56	1 (Moderate)
57	1 (Moderate)
60	1 (Moderate)
33	0 (Low)
53	0 (Low)

COMPARTMENT #023

Stand	Risk Rating
12	5 (Extreme)
14	5 (Extreme)
87	5 (Extreme)
35	4 (Very High)
38	4 (Very High)
39	3 (High)
17	2 (High)
22	2 (High)
34	2 (High)
42	2 (High)
32	1 (Moderate)
36	0 (Low)

COMPARTMENT #026

Stand	Risk Rating
07	4 (Very High)
17	4 (Very High)
20	3 (High)
22	3 (High)
30	3 (High)
34	3 (High)
37	3 (High)
39	3 (High)
64	3 (High)
19	4 (Very High)
45	4 (Very High)
16	2 (High)
01	1 (Moderate)
06	2 (High)
09	2 (High)

COMPARTEMNT #025

Stand	Risk Rating
01	5 (Extreme)
04	4 (Very High)
02	3 (High)
03	3 (High)
38	3 (High)
44	3 (High)
67	3 (High)
76	3 (High)
05	2 (High)
23	2 (High)
25	2 (High)
27	2 (High)
33	2 (High)
34	2 (High)
38	2 (High)
39	2 (High)
21	2 (High)
32	2 (High)
33	2 (High)
42	2 (High)
44	2 (High)
45	2 (High)
46	2 (High)
47	2 (High)
48	2 (High)
50	2 (High)
51	2 (High)
52	2 (High)
54	2 (High)
56	2 (High)
57	2 (High)
60	2 (High)

COMPARTMENT #020

Stand	Risk Rating
22	5 (Extreme)
35	4 (Very High)
02	3 (High)
03	3 (High)
12	3 (High)
29	3 (High)
33	3 (High)
34	2 (High)
38	1 (Moderate)
39	1 (Moderate)
21	0 (Low)

cont'd. 30

cont'd.

(COMPARTMENT #026)

(COMPARTMENT #027)

COMPARTMENT #029Stand Risk Rating

61 2 (High)
 66 2 (High)
 69 2 (High)
 77 2 (High)
 85 2 (High)
 86 2 (High)
 08 1 (Moderate)
 11 1 (Moderate)
 35 1 (Moderate)
 40 1 (Moderate)
 41 1 (Moderate)
 49 1 (Moderate)
 53 1 (Moderate)
 55 1 (Moderate)
 65 1 (Moderate)
 71 1 (Moderate)
 13 0 (Low)
 27 0 (Low)
 28 0 (Low)
 84 Not enough live volume

Stand Risk Rating

33 2 (High)
 37 2 (High)
 39 2 (High)
 44 2 (High)
 49 2 (High)
 57 2 (High)
 60 2 (High)
 65 2 (High)
 66 2 (High)
 67 2 (High)
 70 2 (High)
 71 2 (High)
 72 2 (High)
 77 2 (High)
 85 2 (High)
 86 2 (High)
 21 1 (Moderate)
 25 1 (Moderate)
 26 1 (Moderate)
 28 1 (Moderate)
 29 1 (Moderate)
 30 1 (Moderate)
 34 1 (Moderate)

Stand Risk Rating

63 5 (Extreme)
 04 4 (Very High)
 28 3 (High)
 30 3 (High)
 45 2 (High)
 06 1 (Moderate)
 39 5 (Extreme)
 68 5 (Extreme)
 23 4 (Very High)
 16 3 (High)
 35 3 (High)
 54 3 (High)
 63 3 (High)
 82 3 (High)
 85 3 (High)
 09 2 (High)
 13 2 (High)
 18 2 (High)
 21 2 (High)
 29 2 (High)
 32 2 (High)
 34 2 (High)
 42 2 (High)
 43 2 (High)
 53 2 (High)
 55 2 (High)
 56 2 (High)
 57 2 (High)
 64 2 (High)
 65 2 (High)
 74 2 (High)
 02 1 (Moderate)
 03 1 (Moderate)

COMPARTMENT #027Stand Risk Rating

54 5 (Extreme)
 87 5 (Extreme)
 17 4 (Very High)
 20 4 (Very High)
 27 4 (Very High)
 46 4 (Very High)
 50 4 (Very High)
 12 3 (High)
 15 3 (High)
 32 3 (High)
 38 3 (High)
 47 3 (High)

Stand Risk Rating

43 1 (Moderate)
 56 1 (Moderate)
 62 1 (Moderate)
 78 1 (Moderate)
 81 1 (Moderate)
 82 1 (Moderate)
 53 0 (Low)
 80 0 (Low)

Stand Risk Rating

29 2 (High)
 32 2 (High)
 34 2 (High)
 42 2 (High)
 43 2 (High)
 53 2 (High)
 55 2 (High)
 56 2 (High)
 57 2 (High)
 64 2 (High)
 65 2 (High)
 74 2 (High)
 02 1 (Moderate)
 03 1 (Moderate)

COMPARTMENT #028Stand Risk Rating

63 3 (High)
 74 3 (High)
 79 3 (High)
 06 2 (High)
 13 2 (High)
 16 2 (High)
 18 2 (High)
 23 2 (High)
 24 2 (High)
 31 2 (High)
 cont'd....

46 3 (High)
 47 3 (High)
 31 2 (High)
 42 2 (High)
 59 2 (High)
 70 2 (High)
 77 2 (High)
 23 1 (Moderate)
 48 1 (Moderate)
 60 1 (Moderate)

03 1 (Moderate)
 12 1 (Moderate)
 14 1 (Moderate)
 17 1 (Moderate)
 19 1 (Moderate)
 27 1 (Moderate)
 28 1 (Moderate)
 30 1 (Moderate)
 33 1 (Moderate)
 37 1 (Moderate)
 38 1 (Moderate)
 cont'd....

(COMPARTMENT #030)

Stand	Risk Rating
40	1 (Moderate)
47	1 (Moderate)
49	1 (Moderate)
51	1 (Moderate)
58	1 (Moderate)
60	1 (Moderate)
61	1 (Moderate)
83	1 (Moderate)
84	1 (Moderate)
90	1 (Moderate)
11	0 (Low)

(COMPARTMENT #033)

Stand	Risk Rating
06	2 (High)
15	2 (High)
<u>COMPARTMENT #034</u>	
79	5 (Extreme)
65	3 (High)
36	2 (High)
41	2 (High)
67	1 (Moderate)

COMPARTMENT #038

Stand	Risk Rating
22	5 (Extreme)
33	5 (Extreme)
32	4 (Very High)
14	0 (Low)

COMPARTMENT #031

Stand	Risk Rating
11	3 (High)
18	3 (High)
03	2 (High)
25	2 (High)
27	2 (High)
56	2 (High)
06	1 (Moderate)
07	1 (Moderate)
10	1 (Moderate)
12	1 (Moderate)
13	1 (Moderate)
15	1 (Moderate)
17	1 (Moderate)
19	1 (Moderate)
20	1 (Moderate)
21	1 (Moderate)
24	1 (Moderate)
26	1 (Moderate)
49	1 (Moderate)
08	0 (Low)
09	0 (Low)
14	0 (Low)

COMPARTMENT #035

Stand	Risk Rating
35	5 (Extreme)
30	3 (High)
54	3 (High)
38	2 (High)
36	1 (Moderate)

COMPARTMENT #039

Stand	Risk Rating
08	5 (Extreme)
35	5 (Extreme)
20	4 (Very High)
29	4 (Very High)
36	4 (Very High)
48	4 (Very High)
52	4 (Very High)
63	4 (Very High)
06	3 (High)
47	3 (High)
50	3 (High)
65	3 (High)
26	2 (High)
28	2 (High)
33	2 (High)
39	2 (High)
56	2 (High)
60	2 (High)
69	2 (High)
70	2 (High)
78	2 (High)
79	2 (High)
81	2 (High)
37	1 (Moderate)
54	1 (Moderate)
80	1 (Moderate)

COMPARTMENT #037

Stand	Risk Rating
02	5 (Extreme)
04	5 (Extreme)
13	4 (Very High)
19	4 (Very High)
37	4 (Very High)

COMPARTMENT #040

Stand	Risk Rating
34	5 (Extreme)
39	5 (Extreme)
49	4 (Very High)
32	3 (High)
10	2 (High)
11	2 (High)
16	2 (High)
23	2 (High)
25	2 (High)
31	2 (High)
35	2 (High)

COMPARTMENT #032

NO LPP STANDS IN THIS COMPARTMENT

COMPARTMENT #033

Stand	Risk Rating
03	5 (Extreme)
04	4 (Very High)
05	2 (High)

cont'd....

(COMPARTMENT #040)

Stand	Risk Rating
38	2 (High)
40	2 (High)
42	2 (High)
47	2 (High)
48	2 (High)
54	2 (High)
60	2 (High)
02	1 (Moderate)
07	1 (Moderate)
21	1 (Moderate)
26	1 (Moderate)
28	1 (Moderate)
52	1 (Moderate)
55	1 (Moderate)
56	1 (Moderate)
59	1 (Moderate)

COMPARTMENT #041

Stand	Risk Rating
53	5 (Extreme)
57	5 (Extreme)
46	3 (High)
51	3 (High)
58	3 (High)
60	3 (High)
63	3 (High)
67	3 (High)
69	3 (High)
42	2 (High)
43	2 (High)
50	2 (High)
62	2 (High)
22	1 (Moderate)
38	1 (Moderate)
47	1 (Moderate)
49	1 (Moderate)
66	1 (Moderate)
68	1 (Moderate)

COMPARTMENT #042

Stand	Risk Rating
33	4 (Very High)
34	4 (Very High)
18	3 (High)
03	2 (High)

cont'd....

(COMPARTMENT #042)

Stand	Risk Rating
05	2 (High)
06	2 (High)
09	2 (High)
11	2 (High)
20	2 (High)
21	2 (High)
22	2 (High)
24	2 (High)
25	2 (High)
26	2 (High)
01	1 (Moderate)
07	1 (Moderate)
13	1 (Moderate)
27	1 (Moderate)
37	0 (Low)

COMPARTMENT #045

Stand	Risk Rating
10	2 (High)
13	2 (High)
17	2 (High)
06	1 (Moderate)
18	1 (Moderate)
22	1 (Moderate)
28	1 (Moderate)

COMPARTMENT #046NO LPP AT THIS TIME
COMPLETED COMP.COMPARTMENT #047

Stand	Risk Rating
37	2 (High)
04	1 (Moderate)
14	1 (Moderate)

COMPARTMENT #048

Stand	Risk Rating
58	5 (Extreme)
01	3 (High)
27	3 (High)
35	3 (High)
43	3 (High)
50	3 (High)
04	2 (High)
05	2 (High)
12	2 (High)
18	2 (High)
19	2 (High)
22	2 (High)
23	2 (High)
26	2 (High)
39	2 (High)
52	2 (High)
55	2 (High)
06	1 (Moderate)
07	1 (Moderate)
09	1 (Moderate)
11	1 (Moderate)
16	1 (Moderate)
21	1 (Moderate)
31	1 (Moderate)
37	1 (Moderate)

cont'd.

(COMPARTMENT #048)

<u>Stand</u>	<u>Risk Rating</u>
40	1 (Moderate)
02	0 (Low)
08	0 (Low)
10	0 (Low)

COMPARTMENT #049

<u>Stand</u>	<u>Risk Rating</u>
27	4 (Very High)
81	4 (Very High)
24	3 (High)
60	3 (High)
04	2 (High)
09	2 (High)
11	2 (High)
18	2 (High)
23	2 (High)
28	2 (High)
30	2 (High)
33	2 (High)
37	2 (High)
40	2 (High)
45	2 (High)
46	2 (High)
65	2 (High)
66	2 (High)
68	2 (High)
03	1 (Moderate)
05	1 (Moderate)
06	1 (Moderate)
07	1 (Moderate)
08	1 (Moderate)
10	1 (Moderate)
15	1 (Moderate)
21	1 (Moderate)
29	1 (Moderate)
35	1 (Moderate)
39	1 (Moderate)
43	1 (Moderate)
47	1 (Moderate)
48	1 (Moderate)
51	1 (Moderate)
16	0 (Low)
49	0 (Low)
50	0 (Low)

COMPARTMENT #050

<u>Stand</u>	<u>Risk Rating</u>
08	3 (High)
13	2 (High)
16	2 (High)
20	2 (High)
21	2 (High)
24	2 (High)
26	2 (High)
27	2 (High)
29	2 (High)
03	1 (Moderate)
05	1 (Moderate)
06	1 (Moderate)
11	1 (Moderate)
12	1 (Moderate)
22	1 (Moderate)
23	1 (Moderate)
32	1 (Moderate)

COMPARTMENT #051

<u>Stand</u>	<u>Risk Rating</u>
02	5 (Extreme)
52	5 (Extreme)
32	3 (High)
38	3 (High)
44	3 (High)
01	2 (High)
14	2 (High)
18	2 (High)
33	2 (High)
35	2 (High)
37	2 (High)
48	2 (High)
53	2 (High)
05	1 (Moderate)
23	1 (Moderate)
25	1 (Moderate)
31	1 (Moderate)
49	1 (Moderate)
56	1 (Moderate)
59	1 (Moderate)
54	0 (Low)

COMPARTMENT #052

<u>Stand</u>	<u>Risk Rating</u>
07	5 (Extreme)
55	5 (Extreme)
08	4 (Very High)
34	4 (Very High)
50	4 (Very High)
68	4 (Very High)
14	3 (High)
24	3 (High)
28	3 (High)
44	3 (High)
59	3 (High)
18	2 (High)
20	2 (High)
22	2 (High)
30	2 (High)
54	2 (High)
16	1 (Moderate)
32	1 (Moderate)
33	1 (Moderate)

COMPARTMENT #053

<u>Stand</u>	<u>Risk Rating</u>
12	3 (High)
29	2 (High)
01	1 (Moderate)

COMPARTMENT #054

<u>Stand</u>	<u>Risk Rating</u>
38	5 (Extreme)
15	4 (Very High)
30	4 (Very High)
72	4 (Very High)
88	4 (Very High)
04	3 (High)
09	3 (High)
25	3 (High)
33	3 (High)
44	3 (High)
46	3 (High)
50	3 (High)
51	3 (High)
58	3 (High)
65	3 (High)
67	3 (High)
80	3 (High)
91	3 (High)
10	2 (High)

(COMPARTMENT #054)

(COMPARTMENT #056)

COMPARTMENT #059

<u>Stand</u>	<u>Risk Rating</u>
13	2 (High)
17	2 (High)
55	2 (High)
57	2 (High)
61	2 (High)
71	2 (High)
74	2 (High)
77	2 (High)
83	2 (High)
85	2 (High)
20	1 (Moderate)
39	1 (Moderate)
63	1 (Moderate)
64	1 (Moderate)
73	1 (Moderate)
75	1 (Moderate)
79	1 (Moderate)
81	1 (Moderate)

Stand Risk Rating

60	2 (High)
62	2 (High)
63	2 (High)
65	2 (High)
15	1 (Moderate)
19	1 (Moderate)
22	1 (Moderate)
26	1 (Moderate)
33	1 (Moderate)
44	1 (Moderate)
56	1 (Moderate)
61	1 (Moderate)
64	1 (Moderate)
66	1 (Moderate)
67	1 (Moderate)
68	0 (Low)

Stand Risk Rating

06	5 (Extreme)
13	5 (Extreme)
28	5 (Extreme)
59	5 (Extreme)
61	5 (Extreme)
64	5 (Extreme)
17	4 (Very High)
62	4 (Very High)
66	4 (Very High)
15	3 (High)
18	3 (High)
20	3 (High)
24	3 (High)
27	3 (High)
36	3 (High)
71	3 (High)
02	2 (High)
03	2 (High)
11	2 (High)

COMPARTMENT #055

<u>Stand</u>	<u>Risk Rating</u>
10	5 (Extreme)
01	3 (High)
14	3 (High)
08	2 (High)
12	2 (High)
16	2 (High)
11	1 (Moderate)

Stand Risk Rating

23	4 (Very High)
45	4 (Very High)
32	3 (High)
03	2 (High)
24	2 (High)
48	2 (High)
01	1 (Moderate)
02	1 (Moderate)
05	1 (Moderate)
06	1 (Moderate)
08	1 (Moderate)
09	1 (Moderate)

Stand Risk Rating

30	2 (High)
38	2 (High)
46	2 (High)
51	2 (High)
54	2 (High)
56	2 (High)
58	2 (High)
60	2 (High)
69	2 (High)
01	1 (Moderate)
44	1 (Moderate)

COMPARTMENT #056

<u>Stand</u>	<u>Risk Rating</u>
20	4 (Very High)
12	3 (High)
38	3 (High)
43	3 (High)
47	3 (High)
01	2 (High)
03	2 (High)
06	2 (High)
10	2 (High)
13	2 (High)
28	2 (High)
32	2 (High)
34	2 (High)
48	2 (High)
53	2 (High)
54	2 (High)
58	2 (High)

Stand Risk Rating

13	1 (Moderate)
15	1 (Moderate)
18	1 (Moderate)
19	1 (Moderate)
25	1 (Moderate)
31	1 (Moderate)
51	1 (Moderate)
66	1 (Moderate)

COMPARTMENT #060

40	4 (Very High)
03	3 (High)
04	3 (High)
26	3 (High)
27	3 (High)
30	3 (High)
35	3 (High)
38	3 (High)
46	3 (High)
54	3 (High)
71	3 (High)
73	3 (High)
31	2 (High)
58	2 (High)
61	2 (High)
64	2 (High)
82	2 (High)

cont'd...

cont'd....

(COMPARTMENT #060)

(COMPARTMENT #062)

(COMPARTMENT #063)

Stand Risk Rating

85	2 (High)
07	1 (Moderate)
08	1 (Moderate)
24	1 (Moderate)
34	1 (Moderate)
36	1 (Moderate)
49	1 (Moderate)
70	1 (Moderate)
74	0 (Low)

Stand Risk Rating

12	2 (High)
13	2 (High)
17	2 (High)
25	2 (High)
28	2 (High)
29	2 (High)
38	2 (High)
46	2 (High)
55	2 (High)
63	2 (High)
67	2 (High)
68	2 (High)
71	2 (High)

Stand Risk Rating

05	1 (Moderate)
06	1 (Moderate)
12	1 (Moderate)
14	1 (Moderate)
23	1 (Moderate)
27	1 (Moderate)
35	1 (Moderate)
36	1 (Moderate)
38	1 (Moderate)
44	1 (Moderate)
46	1 (Moderate)
76	1 (Moderate)
79	1 (Moderate)
19	0 (Low)
21	0 (Low)
39	0 (Low)

COMPARTMENT #061Stand Risk Rating

40	5 (Extreme)
27	3 (High)
48	3 (High)
51	3 (High)
08	2 (High)
15	2 (High)
16	2 (High)
19	2 (High)
24	2 (High)
29	2 (High)
32	2 (High)
53	2 (High)
04	1 (Moderate)
07	1 (Moderate)
17	1 (Moderate)
23	1 (Moderate)
36	1 (Moderate)
41	1 (Moderate)
55	0 (Low)

Stand Risk Rating

78	2 (High)
07	1 (Moderate)
10	1 (Moderate)
41	1 (Moderate)
44	1 (Moderate)
62	1 (Moderate)
73	1 (Moderate)
20	0 (Low)
60	0 (Low)

COMPARTMENT #064

44	5 (Extreme)
25	4 (Very High)
47	4 (Very High)

COMPARTMENT #062Stand Risk Rating

15	5 (Extreme)
06	4 (Very High)
19	4 (Very High)
26	4 (Very High)
52	4 (Very High)
66	4 (Very High)
05	3 (High)
11	3 (High)
24	3 (High)
69	3 (High)
08	2 (High)
09	2 (High)

COMPARTMENT #063

13	3 (High)
28	3 (High)
48	3 (High)
56	3 (High)
66	3 (High)
83	3 (High)
08	2 (High)
10	2 (High)
17	2 (High)
18	2 (High)
20	2 (High)
24	2 (High)
25	2 (High)
26	2 (High)
30	2 (High)
33	2 (High)
50	2 (High)
52	2 (High)
64	2 (High)
65	2 (High)
84	2 (High)
85	2 (High)
04	1 (Moderate)

18	3 (High)
42	3 (High)
10	2 (High)
28	2 (High)
43	2 (High)
02	1 (Moderate)
05	1 (Moderate)
07	1 (Moderate)
08	1 (Moderate)
09	1 (Moderate)
12	1 (Moderate)
17	1 (Moderate)

cont'd....

cont'd....

COMPARTMENT #065

NO LPP IN COMP.

COMPARTMENT #066NO LPP STANDS
RECONEDCOMPARTMENT #067Stand Risk Rating

01	3 (High)
18	3 (High)
13	2 (High)
06	1 (Moderate)
11	1 (Moderate)

COMPARTMENT #068NO LPP RECONED AT
THIS TIMECOMPARTMENT #069NO LPP RECONED AT
THIS TIME.COMPARTMENT #070NO LPP RECONED AT
THIS TIME.COMPARTMENT #071NO LPP RECONED AT
THIS TIME.COMPARTMENT #072

Stand	Risk Rating
28	5 (Extreme)
40	5 (Extreme)
15	3 (High)
20	3 (High)
22	3 (High)
27	3 (High)

cont'd...

COMPARTMENT #072)Stand Risk Rating

04	2 (High)
05	2 (High)
06	2 (High)
07	2 (High)
13	2 (High)
17	2 (High)
18	2 (High)
21	2 (High)
23	2 (High)
26	2 (High)
32	2 (High)
33	2 (High)
41	2 (High)
01	1 (Moderate)
03	1 (Moderate)
25	1 (Moderate)
35	1 (Moderate)
48	1 (Moderate)
54	1 (Moderate)
47	0 (Low)

COMPARTMENT #073Stand Risk Rating

15	4 (Very High)
28	4 (Very High)
06	3 (High)
18	3 (High)
11	2 (High)
14	2 (High)
16	2 (High)
17	2 (High)
27	2 (High)
29	2 (High)
12	1 (Moderate)
25	1 (Moderate)
26	1 (Moderate)
30	1 (Moderate)
31	1 (Moderate)
34	1 (Moderate)
35	1 (Moderate)
28	5 (Extreme)
40	5 (Extreme)
15	3 (High)
20	3 (High)
22	3 (High)
27	3 (High)

cont'd...

COMPARTMENT #075

Stand	Risk Rating
07	3 (High)
08	3 (High)
10	3 (High)
23	3 (High)
02	2 (High)
09	2 (High)
19	2 (High)
24	2 (High)
26	2 (High)
29	2 (High)
31	2 (High)
11	1 (Moderate)
15	1 (Moderate)
20	1 (Moderate)
21	1 (Moderate)
22	1 (Moderate)
28	1 (Moderate)
18	0 (Low)
33	0 (Low)

(COMPARTMENT #076)

Stand	Risk Rating
17	1 (Moderate)
21	1 (Moderate)
24	1 (Moderate)
26	1 (Moderate)
31	1 (Moderate)
34	1 (Moderate)
70	1 (Moderate)
76	1 (Moderate)
78	1 (Moderate)
82	1 (Moderate)
92	1 (Moderate)

(COMPARTMENT #080)

Stand	Risk Rating
20	1 (Moderate)
21	1 (Moderate)
52	1 (Moderate)
56	1 (Moderate)
04	0 (Low)

COMPARTMENT #076

Stand	Risk Rating
87	5 (Extreme)
11	4 (Very High)
20	4 (Very High)
07	3 (High)
18	3 (High)
22	3 (High)
25	3 (High)
32	3 (High)
36	3 (High)
41	3 (High)
44	3 (High)
46	3 (High)
49	3 (High)
89	3 (High)
90	3 (High)
91	3 (High)
28	2 (High)
45	2 (High)
48	2 (High)
51	2 (High)
53	2 (High)
54	2 (High)
55	2 (High)
58	2 (High)
61	2 (High)
16	1 (Moderate)

cont'd....

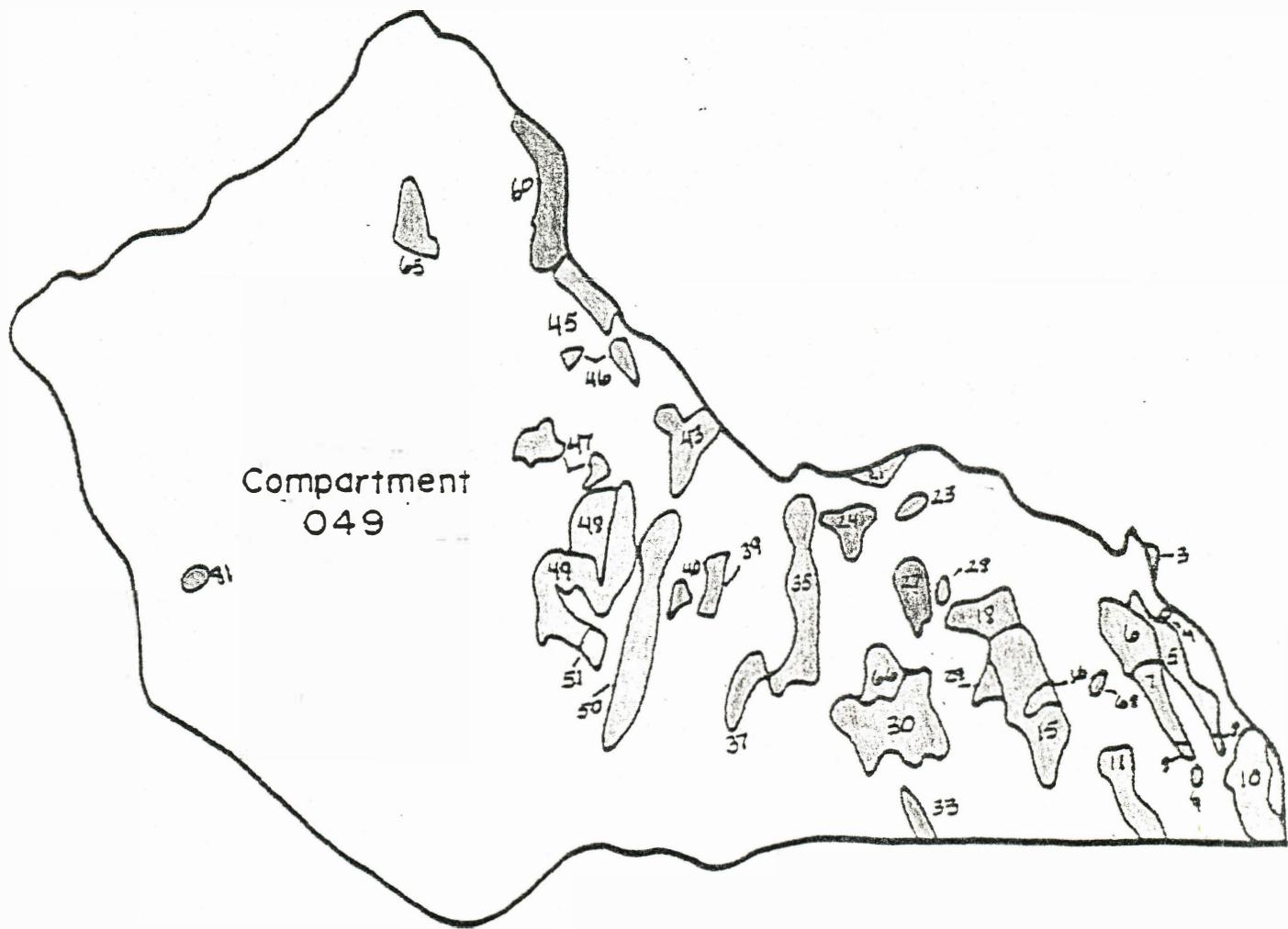
COMPARTMENT #077NO LPP STANDS IN COMP.
AT THIS TIME.COMPARTMENT #078

Stand	Risk Rating
01	1 (Moderate)
02	1 (Moderate)
04	1 (Moderate)

COMPARTMENT #079NO LPP STANDS RECONED
AT THIS TIME.COMPARTMENT #080

Stand	Risk Rating
31	4 (Very High)
44	4 (Very High)
46	3 (High)
48	3 (High)
51	3 (High)
53	3 (High)
15	2 (High)
16	2 (High)
23	2 (High)
24	2 (High)
39	2 (High)
42	2 (High)
49	2 (High)
01	1 (Moderate)
02	1 (Moderate)

cont'd....



Risk Rating



Very High



High



Moderate

Figure 1.--Lodgepole pine stands risk rated for potential mountain pine beetle damage. Compartment 049, Cassia Division, Twin Falls Ranger District, Sawtooth National Forest.